

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6830855"   "6998208").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/09 09:57
L2	36	miyasaki-yoichi.in.	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:06
L3	9	2 and (emit\$3 near5 light)	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:06
L4	4195	nozzle same (control\$3 with nozzle near (hole or open\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/09 10:50
L5	0	4 same ((light near5 emit \$3) or strob\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/09 10:51
L6	0	4 same (light near5 emit \$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/09 10:51
L7	300	(nozzle same (imag\$3 or pictur\$3)) same (light near emit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/09 10:52
L8	3	7 same meniscus	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/09 10:52
L9	4096	(nozzle and imag\$3 or pictur\$3 and (light near emit\$3) and meniscus).clm.	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:57
L10	1	(nozzle and (imag\$3 or pictur\$3) and (light near emit\$3 or strob\$3) and meniscus).clm.	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:58
L11	4100	(nozzle and imag\$3 or recogniz\$3 and light and meniscus).clm.	US-PGPUB; USPAT	OR	OFF	2009/05/09 10:59
L12	450	11 and (liquid near drop \$3)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:00
L13	1	12 and ((light near emit \$3) same meniscus)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:00
L14	0	((detect\$3 or measur\$3 or monitor\$3) same (foreign near5 particle or matter or contaminant)) same ((light near emit\$3) same meniscus)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:02

L16	1	427/8,427.1-427.3.ccls. and (((detect\$3 or measur\$3 or monitor\$3) same (light near emit\$3) same meniscus))	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:42
L17	45826	(detect\$3 or measur\$3 or monitor\$3) same nozzle	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:46
L18	61209	(detect\$3 or measur\$3 or monitor\$3 or pictur\$3 or imag\$3) same nozzle	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:46
L19	3721	18 and ((bad or defect\$3) same nozzle)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:47
L20	416	19 and (emit\$3 near5 light)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:48
L21	209	20 and camera	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:48
L22	42	21 and @pd<"20030228"	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:48
L23	4	22 and meniscus	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:49
L24	1	19 and ((emit\$3 near5 light) same meniscus)	US-PGPUB; USPAT	OR	OFF	2009/05/09 11:53

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